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L Number	Hits	Search Text	DB	Time stamp
-	1	"Multimedia download timer"	USPAT; US-PGPUB	2004/07/26 15:29
-	3656	((709/227) or (709/238)).CCLS.	USPAT; US-PGPUB	2004/07/21 11:30
-	29	(timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server) and discount	USPAT; US-PGPUB	2004/07/22 12:08
-	760178	@ad >= "20010330"	USPAT; US-PGPUB	2004/07/22 10:40
-	8	((timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server) and discount) and (@ad >= "20010330")	USPAT; US-PGPUB	2004/07/22 10:40
-	21	((timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server) and discount) and (@ad <= "20010330")	USPAT; US-PGPUB	2004/07/22 10:41
-	617	(timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server)	USPAT; US-PGPUB	2004/07/22 10:53
-	361	((@ad <= "20010330") and ((timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server))) not (((timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server) and discount) and (@ad <= "20010330"))	USPAT; US-PGPUB	2004/07/22 10:56
-	58	((@ad <= "20010330") and ((timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server))) not (((timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server) and discount) and (@ad <= "20010330")) and price	USPAT; US-PGPUB	2004/07/22 10:57
-	39	((@ad <= "20010330") and ((timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server))) not (((timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server) and discount) and (@ad <= "20010330")) and price) and (movie or music or game)	USPAT; US-PGPUB	2004/07/22 10:58
-	31	((@ad <= "20010330") and ((timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server))) not (((timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server) and discount) and (@ad <= "20010330")) and price) and (movie or music or game)) and (customer or user) near5 request	USPAT; US-PGPUB	2004/07/22 11:59
-	39	(timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server) and pay-per-view	USPAT; US-PGPUB	2004/07/22 12:08
-	27	((timer or timestamp or "time stamp") and ((multimedia or multi-media) near5 server) and pay-per-view) and (@ad <= "20010330")	USPAT; US-PGPUB	2004/07/22 13:14
-	2697	pay-per-view or "pay on demand" and (title! or titles!) near2 (music! or song\$2 or movie!) and download	USPAT; US-PGPUB	2004/07/22 14:21
-	1680	(pay-per-view or "pay on demand" and (title! or titles!) near2 (music! or song\$2 or movie!) and download) and (@ad <= "20010330")	USPAT; US-PGPUB	2004/07/22 14:23
-	444	((pay-per-view or "pay on demand" and (title! or titles!) near2 (music! or song\$2 or movie!) and download) and (@ad <= "20010330")) and (timer or timestamp or time-stamp or "time stamp" or datestamp or "date stamp" or dates-tamp)	USPAT; US-PGPUB	2004/07/22 14:34
-	191	((pay-per-view or "pay on demand" and (title! or titles!) near2 (music! or song\$2 or movie!) and download) and (@ad <= "20010330")) and (timer or timestamp or time-stamp or "time stamp" or datestamp or "date stamp" or dates-tamp)) and download	USPAT; US-PGPUB	2004/07/22 14:35
-	20	((pay-per-view or "pay on demand" and (title! or titles!) near2 (music! or song\$2 or movie!) and download) and (@ad <= "20010330")) and (timer or timestamp or time-stamp or "time stamp" or datestamp or "date stamp" or dates-tamp)) and download) and ("user select\$4" or user-select\$4)	USPAT; US-PGPUB	2004/07/23 09:08

-	0	((peak-time or "peak time") and (bandwidth or "link capacity") and download and (multi-media or multimedia) and (pay or payment or bill or billing or cost or price) and (title near5 (music or movie or game))) and (@ad <= "20010330")	USPAT; US-PGPUB	2004/07/22 14:52
-	3	(peak-time or "peak time") and (bandwidth or "link capacity") and download and (multi-media or multimedia) and (pay or payment or bill or billing or cost or price) and (title near5 (music or movie or game))	USPAT; US-PGPUB	2004/07/22 14:54
-	64	(peak-time or "peak time") and (bandwidth or "link capacity") and download and (multi-media or multimedia) and (pay or payment or bill or billing or cost or price) and ((music or movie or game))	USPAT; US-PGPUB	2004/07/22 15:02
-	20	((peak-time or "peak time") and (bandwidth or "link capacity") and download and (multi-media or multimedia) and (pay or payment or bill or billing or cost or price) and ((music or movie or game))) and (@ad <= "20010330")	USPAT; US-PGPUB	2004/07/22 14:55
-	13	(peak-time or "peak time") and (bandwidth or "link capacity") and download and (multi-media or multimedia) and (pay or payment or bill or billing or cost or price or buy or purchase) near8 ((music or movie or game))	USPAT; US-PGPUB	2004/07/22 15:07
-	20	((peak-time or "peak time") and (bandwidth or "link capacity") and download and (multi-media or multimedia) and (pay or payment or bill or billing or cost or price) and ((music or movie or game))) and (@ad <= "20010330")) and (@ad <= "20010330")	USPAT; US-PGPUB	2004/07/22 15:03
-	5	((peak-time or "peak time") and (bandwidth or "link capacity") and download and (multi-media or multimedia) and (pay or payment or bill or billing or cost or price or buy or purchase) near8 ((music or movie or game))) and (@ad <= "20010330")	USPAT; US-PGPUB	2004/07/22 15:04
-	453	download near8 (multimedia or movie or video or music or audio) near8 (time or hour or delay)	USPAT; US-PGPUB	2004/07/22 15:09
-	204	(download near8 (multimedia or movie or video or music or audio) near8 (time or hour or delay) ) and (@ad <= "20010330")	USPAT; US-PGPUB	2004/07/22 15:28
-	3	(download near8 (multimedia or movie or video or music or audio) near8 (time or hour or delay) ) and (@ad <= "20010330") and purchase near8 ("content file" or file)	USPAT; US-PGPUB	2004/07/22 15:30
-	80	(download near8 (multimedia or movie or video or music or audio) near8 (time or hour or delay) ) and (@ad <= "20010330") and purchase	USPAT; US-PGPUB	2004/07/22 15:39
-	14418	time adj shift\$4	USPAT; US-PGPUB	2004/07/22 15:40
-	11015	(time adj shift\$4) and @ad <= "20010330"	USPAT; US-PGPUB	2004/07/22 15:40
-	47	((time adj shift\$4) and @ad <= "20010330") and download and purchase and (movie or music or multi-media or multimedia or video or audio or "large files" or "large document")	USPAT; US-PGPUB	2004/07/22 15:45
-	15	(download or purchase or request) with (music or movie or audio or video or file) and (user or enduser or end-user or client or customer or consumer) near5 (select or pick or chose) near5 (title) near5 time	USPAT; US-PGPUB	2004/07/23 09:36
-	17	(download or purchase or request or order) with (music or movie or audio or video or file) and (user or enduser or end-user or client or customer or consumer) near5 (select or pick or chose) near5 (title) near5 time	USPAT; US-PGPUB	2004/07/23 09:43
-	11	((download or purchase or request or order) with (music or movie or audio or video or file) and (user or enduser or end-user or client or customer or consumer) near5 (select or pick or chose) near5 (title) near5 time) and @ad <= "20010330"	USPAT; US-PGPUB	2004/07/23 09:36

-	2484	(download or purchase or request or order) near8 (music or movie or audio or video or file or multi-media or multimedia) and (user or enduser or end-user or client or customer or consumer) near8 (select or pick or choose) near5 time	USPAT; US-PGPUB	2004/07/23 09:44
-	1334	((download or purchase or request or order) near8 (music or movie or audio or video or file or multi-media or multimedia) and (user or enduser or end-user or client or customer or consumer) near8 (select or pick or choose) near5 time) and @ad <= "20010330"	USPAT; US-PGPUB	2004/07/23 09:44
-	55	((((download or purchase or request or order) near8 (music or movie or audio or video or file or multi-media or multimedia) and (user or enduser or end-user or client or customer or consumer) near8 (select or pick or choose) near5 time) and @ad <= "20010330") and (time adj shift\$4 or timeshift or timeshifting)	USPAT; US-PGPUB	2004/07/23 10:30
-	78375	"user selected price" or user-select\$4 or user adj select\$4	USPAT; US-PGPUB	2004/07/26 10:56
-	48273	("user selected price" or user-select\$4 or user adj select\$4) and @ad <= "20010330"	USPAT; US-PGPUB	2004/07/26 10:57
-	11	("user selected price" or user-select\$4 or user adj select\$4) adj price and @ad <= "20010330"	USPAT; US-PGPUB	2004/07/26 13:48
-	73	((("user selected price" or user-select\$4 or user adj select\$4) adj price) and (("user selected price" or user-select\$4 or user adj select\$4) adj time) and @ad <= "20010330"	USPAT; US-PGPUB	2004/07/26 11:14
-	1	((("user selected price" or user-select\$4 or user adj select\$4) adj price) and (("user selected time" or user-select\$4 or user adj select\$4) adj time) and @ad <= "20010330"	USPAT; US-PGPUB	2004/07/26 11:14
-	36	priceline	USPAT; US-PGPUB	2004/07/26 15:30

Set	Items	Description
S1	567907	USER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR - EMPTOR? OR CUSTOMER?
S2	3426560	SELECT? OR CHOOSE? OR PICK??? OR RETRIEV? OR SPECIF? OR DE- SIGNAT? OR STIPULAT?
S3	4099267	MULTIMEDIA OR MEDIA OR VIDEO OR PHOTO OR PHOTOS OR PHOTOGR- APH? OR PICTURE? OR VIDEO? OR DOCUMENT? OR TEXT OR DATA OR VO- ICE OR AUDIO? OR OBJECT? OR IMAGE?
S4	7901191	DOWNLOAD? OR DOWN()LOAD? OR READ OR READING OR RECEIV? OR - TRANSFER? OR TRANSMIT? OR UPLOAD? OR WRITE? OR WRITING OR MOV- E? OR COPY OR COPIE? OR INPUT? OR OUTPUT? OR DELIVER? OR RETR- IEVE OR OBTAIN OR GET
S5	3944307	TIME OR PERIOD? OR SCHEDULE? OR OCCASION? OR TERM?
S6	10272	(PEAK OR PRIME OR MAXIMUM OR HIGH() (USAGE OR CAPACITY)) (2N- ) (TIME? OR HOUR?)
S7	23807	(COST? ? OR PRICE OR PRICING OR RATE OR RATES OR COSTING OR CHARGE OR EXPENSE?) (2N) (MORE OR HIGHER)
S8	47403	(COST? ? OR PRICE OR PRICING OR RATE OR RATES OR COSTING OR CHARGE OR EXPENSE?) (2N) (LESS OR LOWER)
S9	116489	S1 AND S2 AND S3
S10	17596	S1 AND S2 AND (S4 (3N) S5)
S11	2	S6 (3N) S7
S12	198	(OFF OR NON) () S6
S13	1	S12 (3N) S8
S14	12188	S9 AND S10
S15	0	S14 AND S6 AND S7
S16	14	S14 AND S7
S17	42157	(S1 (3N) S2) AND S3
S18	4365	S17 AND S10
S19	0	S18 AND S6 AND S7
S20	1	S18 AND S7
S21	6	S18 AND S6
S22	23	S11 OR S13 OR S16 OR S20 OR S21

File 347:JAPIO Nov 1976-2004/Mar(Updated 040708)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200446

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22/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07335822 \*\*Image available\*\*  
COMPUTER TELEPHONY INTEGRATION SYSTEM

PUB. NO.: 2002-204311 [JP 2002204311 A]  
PUBLISHED: July 19, 2002 (20020719)  
INVENTOR(s): NISHIHARA YUMI  
APPLICANT(s): KAMIJO TOSHIAKI  
NISHIHARA YUMI  
APPL. NO.: 2000-402536 [JP 2000402536]  
FILED: December 28, 2000 (20001228)  
INTL CLASS: H04M-003/42; H04M-001/57; H04M-003/51; H04M-011/00;  
H04Q-003/58

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a more effective CTI system as a business-support tool by generating a **customer** information database with a **higher** conformity rate, unlike the conventional CTI system that, upon receiving a call from a **customer**, the **data** on the calling **customer** may be shown on the computer display after the **retrieving** the prepared database at much expense in time, effort, and cost for database construction and its maintenance, besides having the lower conformity rate, or hit rate of finding the **customer**'s information.

SOLUTION: In this system, both of the first received call record database on the basis of a transmitter's telephone number at the **time** of **receiving** a call and the second received call record database on the basis of the sentences unique to the **customer** found in the initial talks are generated at every call. Based on these, the **customer** information database is compiled, which leads to a more effective system with much more improved conforming ratio than the conventional one.

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22/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03759672 \*\*Image available\*\*  
TRANSFER TRANSACTION DEVICE

PUB. NO.: 04-124772 [JP 4124772 A]  
PUBLISHED: April 24, 1992 (19920424)  
INVENTOR(s): NAKAYA MITSURU  
KOSHIDA YOSHINORI  
APPLICANT(s): OKI FUAAMU UEA SHISUTEMUZU KK [000000] (A Japanese Company or Corporation), JP (Japan)  
OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 02-243801 [JP 90243801]  
FILED: September 17, 1990 (19900917)  
INTL CLASS: [5] G06F-015/30  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)  
JOURNAL: Section: P, Section No. 1404, Vol. 16, No. 386, Pg. 65,  
August 18, 1992 (19920818)

#### ABSTRACT

PURPOSE: To improve the confidence against a financial institution and to improve operational efficiency by providing a display means dealing with the only telegraphic transfer after business hours and displaying the rise of a charge to **select** transaction.

CONSTITUTION: In the case of the transfer processing, a control part 1 reads out the time of a clock 6, and judges it is during or after the business hours from the time and the after-business hours decision time of a storage part 7. During business hours, an operation guiding screen **selecting** the transaction of **document** /telegraphy is displayed on a display panel 18. The charge of the transaction is displayed in either case, and the control part 1 stores information on a storage part 7. Through the information, the control part 1 performs the pulling down of the transaction charge from the account of a **customer** and the **transfer** is **terminated**. On the other hand, after business hours, only the telegraphy transaction is performed and the transaction **charge** is **higher** than the **document** transaction. When the **customer** consents to do this, the transfer is performed by telegraphy transaction, and when he does not consent, the cancellation is performed.

22/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02245237

**DATA RETRIEVAL CONTROL SYSTEM**

PUB. NO.: 62-162137 [JP 62162137 A]  
PUBLISHED: July 18, 1987 (19870718)  
INVENTOR(s): NATSUKI SHIYOUHEI  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 61-002953 [JP 862953]  
FILED: January 10, 1986 (19860110)  
INTL CLASS: [4] G06F-007/28  
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);  
45.2 (INFORMATION PROCESSING -- Memory Units)  
JOURNAL: Section: P, Section No. 651, Vol. 11, No. 399, Pg. 72,  
December 26, 1987 (19871226)

**ABSTRACT**

PURPOSE: To enable an easy **retrieval** of a necessary **data** even if the exact time of preparation is unknown by outputting, as the **data** of a **retrieval** target, such **data** that its key value exists within a prescribed length of period which includes the **designated** time of the preparation.

CONSTITUTION: A **time** value **inputted** through an input **retrieval** key is made a key value, which is converted into a prescribed **time** -value format to **obtain** a **retrieval** key value. A minimum time value is generated by subtracting a prescribed time from the said **retrieval** key value and a **maximum** **time** value by adding likewise. A **retrieval** condition corrected so that keys that come above the minimum time value and less than the **maximum** **time** value, is generated. And the **data** **retrieval** is executed in accordance with this corrected **retrieval** condition. Therefore, the **user** of the **data** is not needed to **designate** an accurate key value of the desired **data** in the **retrieval** key. This means that only the necessary reference time needs to be **designated** so that the **data** generated immediately proceeding and following the said reference time which is made a target are **retrieved**.

22/5/7 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014978629

WPI Acc No: 2003-039143/200303  
Related WPI Acc No: 2002-089503; 2002-205583; 2002-256463  
XRPX Acc No: N03-030530

**Music distribution system has communication link between user household**

and central controller system for indicating controller when pre selected music segment is played back so that billing system provides bill

Patent Assignee: WORLD THEATRE INC (WORLD-N); BALLOU B L (BALL-I); HEBRANK J H (HEBR-I); HUNTER C E (HUNT-I); SPARKS K C (SPAR-I)  
Inventor: BALLOU B L; HEBRANK J H; HUNTER C E; SPARKS K C  
Number of Countries: 101 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020111912	A1	20020815	US 99385671	A	19990827	200303 B
			US 99436281	A	19991108	
			US 99476078	A	19991230	
			US 2000487978	A	20000120	
			US 2000493854	A	20000128	
			US 2000502069	A	20000210	
			US 2000684442	A	20001006	
			US 2000707273	A	20001106	
			US 2001855992	A	20010515	
WO 200293798	A2	20021121	WO 2002US15126	A	20020514	200303
EP 1388228	A2	20040211	EP 2002731779	A	20020514	200411
			WO 2002US15126	A	20020514	

Priority Applications (No Type Date): US 2001855992 A 20010515; US 99385671 A 19990827; US 99436281 A 19991108; US 99476078 A 19991230; US 2000487978 A 20000120; US 2000493854 A 20000128; US 2000502069 A 20000210; US 2000684442 A 20001006; US 2000707273 A 20001106

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020111912	A1		32	G06F-017/60	CIP of application US 99385671
					CIP of application US 99436281
					CIP of application US 99476078
					CIP of application US 2000487978
					CIP of application US 2000493854
					CIP of application US 2000502069
					CIP of application US 2000684442
					CIP of application US 2000707273

WO 200293798 A2 E H04H-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

EP 1388228 A2 E H04H-001/00 Based on patent WO 200293798

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Abstract (Basic): US 20020111912 A1

NOVELTY - A user station (28) records pre selected music segments transmitted by a data transmission system, in digital form in a storage module (130). An audio output outputs audio signals of user's choice from the module to a playback device. A communication link between each user household and central controller system (36), indicates the controller when a pre selected music segment is played back so that a billing system provides corresponding bill.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for music distribution method.

USE - For distributing music to user's cell phone, palm pilots, personal digital assistant/wireless device, personal computer through direct broadcast satellite, cable, DSL or Internet.

ADVANTAGE - Provides an ability to update music pricing at any time, so that consumers choose to order music at times of special offers or incentives. Provides a much greater selection of recordings and full access to available recordings to elderly and handicapped persons who are housebound. Realizes a significantly increased income base for the service provider, as only a significant portion of the music is distributed resulting in lower cost , off - peak time



for transmission.

pp; 32 DwgNo 0/16

Title Terms: MUSIC; DISTRIBUTE; SYSTEM; COMMUNICATE; LINK; USER; HOUSEHOLD;  
CENTRAL; CONTROL; SYSTEM; INDICATE; CONTROL; PRE; SELECT; MUSIC; SEGMENT;  
PLAY; BACK; SO; BILL; SYSTEM; BILL  
Derwent Class: T01; T05; W01; W04  
International Patent Class (Main): G06F-017/60; H04H-000/00; H04H-001/00  
File Segment: EPI

22/5/10 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014724418 \*\*Image available\*\*

WPI Acc No: 2002-545122/200258

**Method for linking telephone network and broadcasting network**

Patent Assignee: IBS NET CO LTD (IBSN-N)

Inventor: KIM H G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002013143	A	20020220	KR 200046595	A	20000811	200258 B

Priority Applications (No Type Date): KR 200046595 A 20000811

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002013143	A		1 G06F-017/60	

Abstract (Basic): KR 2002013143 A

NOVELTY - A method for linking a telephone network and a broadcasting network is provided to transmit transaction information with respect to a commodity being relayed to a TV broadcasting and to receive the information through a telephone line in real time by linking the telephone network with the broadcasting network and transmitting bidirectional information through the telephone network.

DETAILED DESCRIPTION - If a transaction progressing module is called by a member joining process and a certification module, a multiple channel automatic exchanger extracts transaction **data** from a DB server of a main control unit and converts the **data** into a guiding announcement form and transmits the **data** to a telephone **user** and a broadcasting station(S200). A purchase commodity number inputted from the telephone **user** is received(S204), and a wanted purchase price of the commodity is received and the price is transmitted to a relay server and the main control unit(S206). If the inputted **price** is **more** than a **price** stored in a commodity information DB, the control unit updates the inputted price as a new highest price(S208). Real **time** auction information is **transmitted** to the multiple channel automatic exchanger and the broadcasting station(S210). If a transaction time is closed(S212), the information is recorded in an information successful bid information DB(S128). The broadcasting station transmits the successful bid information through a TV screen in real time in order for the **user** to receive transaction information(S220). The **selected** commodity is deleted in the commodity information DB and the successful bid information is recorded in the successful bid information DB(S222).

pp; 1 DwgNo 1/10

Title Terms: METHOD; LINK; TELEPHONE; NETWORK; BROADCAST; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

22/5/11 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014281599    \*\*Image available\*\*  
WPI Acc No: 2002-102300/200214  
XRPX Acc No: N02-076103

**Good selling method in internet, involves determining delivery time for each user selected goods and presenting maximum delivery time as batch delivery time to user .**

Patent Assignee: NEC CORP (NIDE )  
Number of Countries: 001    Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001344443	A	20011214	JP 2000166317	A	20000602	200214    B

Priority Applications (No Type Date): JP 2000166317 A 20000602

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001344443	A	15	G06F-017/60	

Abstract (Basic): JP 2001344443 A

NOVELTY - Goods information is presented to an **user** through a homepage established by a manufacturer. The **delivery time** for each goods **selected** by the **user** , is determined at the manufacturer terminal (12), and the **maximum delivery time** is presented to **user** as batch **delivery time** . The goods are **delivered** to **user** , when order is received from **user** .

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) **Data** processing method;
  - (b) Manufacturer's terminal equipment;
  - (c) Recorded medium storing goods selling program
- USE - For selling goods through internet.

ADVANTAGE - By presenting the **delivery time** to **user** , the **user** is confirmed with the **delivery time** of goods.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of goods selling system. (Drawing includes non-English language **text** ).  
Manufacturer terminal (12)

pp; 15 DwgNo 1/9

Title Terms: SELL; METHOD; DETERMINE; DELIVER; TIME; **USER** ; **SELECT** ;  
GOODS; PRESENT; MAXIMUM; DELIVER; TIME; BATCH; DELIVER; TIME; **USER**  
Derwent Class: T01  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

22/5/14        (Item 10 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012166005    \*\*Image available\*\*  
WPI Acc No: 1998-582917/199849  
XRPX Acc No: N98-454148

**Multiple clock timing constraints specifying and analysing method in VLSIC - involves receiving and storing system level timing constraints representing maximum delay time for signals to propagate from input nodes to output nodes of IC**

Patent Assignee: VLSI TECHNOLOGY INC (VLSI-N)  
Inventor: FERNANDEZ J; GINETTI A; SILVE F; SPYROU A W  
Number of Countries: 001    Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5825658	A	19981020	US 95528660	A	19950914	199849    B

Priority Applications (No Type Date): US 95528660 A 19950914

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5825658	A	17	G06F-017/50	

Abstract (Basic): US 5825658 A

The method involves receiving and storing in memory, a net list (102) denoting a list of components in an IC and a set of nodes interconnecting the components. Each component of the IC has input and output ports and the nodes include a set of circuit input and output nodes. System level timing constraints (114) representing **maximum** delay **time** for signals propagating from input to output nodes are received and stored in memory.

A clock timing constraint and multi-cycle timing constraints **specifying** clock based timing constraints for **data** transmission between sequential **data** elements containing subset of clock based timing constraints of duration longer than single clock **period** are **received** and stored. Constraint based timing path **specification** indicating signal paths through IC to which **specified** multi-cycle timing constraints are applicable and to signal paths to which **specified** constraints are not applicable are received and stored. The satisfaction of timing constraints are verified by IC.

ADVANTAGE - Allows **user** to correctly **specify** timing constraints for **specified** circuit design and hence provide timing information required for optimal operation of circuit synthesis or verification unit.

Dwg.13/15

Title Terms: MULTIPLE; CLOCK; TIME; CONSTRAIN; **SPECIFIED** ; ANALYSE; METHOD  
; RECEIVE; STORAGE; SYSTEM; LEVEL; TIME; CONSTRAIN; REPRESENT; MAXIMUM;  
DELAY; TIME; SIGNAL; PROPAGATE; INPUT; NODE; OUTPUT; NODE; IC

Derwent Class: T01

International Patent Class (Main): G06F-017/50

File Segment: EPI

22/5/15 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011383643 \*\*Image available\*\*

WPI Acc No: 1997-361550/199733

XPX Acc No: N97-300607

**Communication system for real time communication applications - disposes coded data which is not obtained even after maximum storage time, when set storage time is greater than maximum user designated time**

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9153915	A	19970610	JP 95310316	A	19951129	199733 B

Priority Applications (No Type Date): JP 95310316 A 19951129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9153915	A	10		

Abstract (Basic): JP 9153915 A

The communication system has a communication network which sends and receives digital **data** . The network is connected to a communication terminal, which acts as the input unit. The input **data** is coded by a code processor. A transmission processor forms packets of the coded information and transmits the packets. A reception processor receives the packet from the network. The communication is controlled by a communication controller. The coded information is decoded by a decoding processor. An output device provides the decoded information as output. A calling side communication terminal sets the coding rate while coding **voice data** , fed from an input unit. A demand transmitter attaches the set coding rate and **transmits** a real time communication demand. The communication **terminal** at the **receiving** side performs real **time** communication between the calling side communication **terminals** , based on the **received** real time communication demand.

The coded information is decoded based on the coding rate of this demand. In the coding processor, encoding is performed according to a set coding rate. The **audio** packet receive by the receiving processor is decomposed. The **transfer time** of the **received coding data** is instrumented. The fluctuation in the **transfer time** is absorbed and storage time is set for this reason. The information indicating minimum and maximum values of storage time is **designated** by the **user**. The information is passed to a recording processor after minimum buffering time is set by a time setting part. The coded **data** which is not obtained even after **maximum storage time**, when the set storage time is greater than the **maximum user designated time**, is disposed.

ADVANTAGE - Improves quality of communication based on situations.  
Enables easy setting of storage time.

Dwg.1/15

Title Terms: COMMUNICATE; SYSTEM; REAL; TIME; COMMUNICATE; APPLY;  
DISPOSABLE; CODE; **DATA** ; OBTAIN; EVEN; AFTER; MAXIMUM; STORAGE; TIME;  
SET; STORAGE; TIME; GREATER; MAXIMUM; **USER** ; **DESIGNATED** ; TIME

Derwent Class: W01

International Patent Class (Main): H04L-012/56

International Patent Class (Additional): H04L-012/28; H04L-029/08

File Segment: EPI

22/5/16 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011013354 \*\*Image available\*\*

WPI Acc No: 1996-510304/199651

XRPX Acc No: N96-430174

**Multi- media episode providing method - involves computing time of scheduling each episode and minimum cost of featuring episode within stipulated time based on set parameter**

Patent Assignee: IBM CORP (IBMC ); INT BUSINESS MACHINES CORP (IBMC )

Inventor: KIM M Y; SONG J

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8263468	A	19961011	JP 9616637	A	19960201	199651 B
US 5659790	A	19970819	US 95392701	A	19950223	199739
JP 3306741	B2	20020724	JP 9616637	A	19960201	200255

Priority Applications (No Type Date): US 95392701 A 19950223

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8263468	A	26	G06F-017/00		
US 5659790	A	32	G06F-015/00		
JP 3306741	B2	26	G06F-019/00		Previous Publ. patent JP 8263468

Abstract (Basic): JP 8263468 A

The method involves providing number of episodes, each having **maximum** and minimum **time** limitation. The time limitation of an episode is input into a computer. The time required for reproducing the episode from the **time** of **input** is then determined.

A starting and ending node of the episode is defined. Based on the set parameters, the time of scheduling each episode, the minimum cost of featuring the episode within the **stipulated** time are computed.

ADVANTAGE - Improves regeneration of episode.

Dwg.1/29

Title Terms: MULTI; MEDIUM; METHOD; COMPUTATION; TIME; SCHEDULE; MINIMUM;  
COST; FEATURE; **STIPULATED** ; TIME; BASED; SET; PARAMETER

Derwent Class: T01; W04

International Patent Class (Main): G06F-015/00; G06F-017/00; G06F-019/00

International Patent Class (Additional): G06F-017/30

File Segment: EPI

22/5/17 (Item 13 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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010789862 \*\*Image available\*\*

WPI Acc No: 1996-286815/199629

XRPX Acc No: N96-240840

**Real-time scheduling computerised method for product and service - by using allocation program to initiate tasks assigned to its operational function upon identifying next preceding updated prime data identifier to provide non-iterative task completion without central monitoring**

Patent Assignee: SUN OPTECH LTD (SUNO-N); NMETRIC LLC (NMET-N); SUNOPTECH LTD (SUNO-N)

Inventor: BARLOW C; HENDERSON K R; KOSKI R E; BARLOW C R

Number of Countries: 023 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9616365	A2	19960530	WO 95IB1160	A	19951114	199629 B
AU 9644569	A	19960617	AU 9644569	A	19951114	199638
WO 9616365	A3	19960808				199641
US 5596502	A	19970121	US 94339520	A	19941114	199710
EP 799457	A1	19971008	EP 95943298	A	19951114	199745
			WO 95IB1160	A	19951114	
JP 10509823	W	19980922	WO 95IB1160	A	19951114	199848
			JP 96516721	A	19951114	
AU 200010121	A	20000316	AU 9644569	A	19951114	200024 N
			AU 200010121	A	20000106	
AU 751245	B	20020808	AU 9644569	A	19951114	200263 N
			AU 200010121	A	20000106	
CA 2204393	C	20031014	CA 2204393	A	19951114	200369
			WO 95IB1160	A	19951114	

Priority Applications (No Type Date): US 94339520 A 19941114; AU 200010121 A 20000106

Cited Patents: US 5331545; US 5343387; US 5369570; No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9616365	A2	E	55	G06F-000/00	
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Designated States (National): AU CA JP KR MX US

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

AU 9644569	A			G06F-019/00	Based on patent WO 9616365
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US 5596502	A		43	G06F-019/00	
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EP 799457	A1	E		G06F-019/00	Based on patent WO 9616365
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Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

JP 10509823	W		76	G06F-017/60	Based on patent WO 9616365
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AU 200010121	A			G06F-017/60	Div ex application AU 9644569
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AU 751245	B			G06F-017/60	Div ex application AU 9644569
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Previous Publ. patent AU 200010121

CA 2204393	C	E		G06F-019/00	Based on patent WO 9616365
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Abstract (Basic): WO 9616365 A

The method involves pre-determining features of product to be produced or service to be performed. A unique prime **data** identifier is assigned to the product or service. An order is entered for the product or service only if it is doable. The order entry is stored as **data** in unalterable and **retrievable** form in an archival portion of a memory.

Time and resource allocation programm are provided. The prime **data** identifier are **retrieved** from the archival memory by the allocation program. The allocation programs interrogates the archival memory for updated prime **data** identifier of interest to relevant task. The allocation program initiates the tasks assigned to its operational function upon identifying a next preceding updated prime **data** identifier in the archival memory to provide non-iterative task completion without central monitoring

ADVANTAGE - Provides management system which result in **more** efficient and **cost** effective physical operations in near real-time. has rule-based learning function to efficiently allocate resources to resolve conflicts in competition for limited resources.

Dwg.3a/6

Title Terms: REAL; TIME; SCHEDULE; COMPUTER; METHOD; PRODUCT; SERVICE; ALLOCATE; PROGRAM; INITIATE; TASK; ASSIGN; OPERATE; FUNCTION; IDENTIFY; PRECEDE; UPDATE; PRIME; **DATA** ; IDENTIFY; NON; ITERATIVE; TASK; COMPLETE; CENTRAL; MONITOR

Derwent Class: T01

International Patent Class (Main): G06F-000/00; G06F-017/60; G06F-019/00

International Patent Class (Additional): G06F-017/60

File Segment: EPI

22/5/18 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009124419 \*\*Image available\*\*

WPI Acc No: 1992-251852/199231

XRPX Acc No: N92-192328

**FDM transmission distinguishing between longer and shorter messages - involves sharing of common channel by messages not requiring higher bit rate or longer transmission duration**

Patent Assignee: ALCATEL NV (COGE ); ALCATEL AUSTRALIA LTD (COGE )

Inventor: AUDOUIN O; GABRIAGUES J; SOTOM M

Number of Countries: 016 Number of Patents: 012

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 496673	A1	19920729	EP 92400165	A	19920122	199231 B
AU 9210375	A	19920730	AU 9210375	A	19920121	199238
FR 2672170	A1	19920731	FR 91793	A	19910124	199239
CA 2059970	A	19920725	CA 2059970	A	19920123	199241
JP 4318715	A	19921110	JP 9211168	A	19920124	199251
AU 648138	B	19940414	AU 9210375	A	19920121	199420
NZ 241087	A	19940325	NZ 241087	A	19911220	199426
US 5327423	A	19940705	US 92825156	A	19920124	199426
EP 496673	B1	19970108	EP 92400165	A	19920122	199707
DE 69216435	E	19970220	DE 616435	A	19920122	199713
			EP 92400165	A	19920122	
ES 2095419	T3	19970216	EP 92400165	A	19920122	199714
JP 3031441	B2	20000410	JP 9211168	A	19920124	200023

Priority Applications (No Type Date): FR 91793 A 19910124

Cited Patents: 5.Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 496673	A1	F	22	H04Q-011/00	
Designated States (Regional): AT BE CH DE ES FR GB IT LI NL SE					
JP 3031441	B2		15	H04J-001/00	Previous Publ. patent JP 4318715
CA 2059970	A	F		H04B-010/12	
JP 4318715	A		15	H04J-001/00	
AU 648138	B			H04B-010/20	Previous Publ. patent AU 9210375
US 5327423	A		19	H04J-014/02	
EP 496673	B1	F	24	H04Q-011/00	
Designated States (Regional): AT BE CH DE ES FR GB IT LI NL SE					
DE 69216435	E			H04Q-011/00	Based on patent EP 496673
ES 2095419	T3			H04Q-011/00	Based on patent EP 496673
AU 9210375	A			H04B-010/20	
FR 2672170	A1			H04J-001/08	
NZ 241087	A			H04Q-011/02	

Abstract (Basic): EP 496673 A

At each terminal of the network a frequency-controlled transmitter (1) and a superheterodyne receiver (2) both using semiconductor lasers are regulated (41) by a control circuit (40) opening a transmission

switch (34) while the terminal is set up.

Transmission and reception square-law detectors (10,20) and discriminators (11,21) supply error signals to a digitiser (43), while a demodulation filter (22) and regenerator (51) restore baseband digital **data** to the terminal **user** (50). A higher-frequency sinusoidal modulation component is added by a binary signal generator (52,53).

USE/ADVANTAGE - In fibre-optic LANs using passive star topology. Spectral band is used more efficiently.

Dwg. 2/10

Title Terms: FDM; TRANSMISSION; DISTINGUISH; LONG; SHORT; MESSAGE; SHARE; COMMON; CHANNEL; MESSAGE; REQUIRE; HIGH; BIT; RATE; LONG; TRANSMISSION; DURATION

Derwent Class: W01; W02

International Patent Class (Main): H04B-010/12; H04B-010/20; H04J-001/00; H04J-001/08; H04J-014/02; H04Q-011/00; H04Q-011/02

International Patent Class (Additional): H04B-009/00; H04J-014/00; H04L-012/44

File Segment: EPI